ent ser 215 Jan 215 April	necessary)	DOCUMENTS Name Bergersen Kesling Kesling Bergersen Blomstedt Bergersen Huge Hilleman Dellinger Ahlin Andrews	Application Bergers Filing Diseptember Class	en	Group Air 3731 Filing If appro	Date
ent ser 215 Jan 215 April	Date In. 14, 1992 pr. 3, 1973 pt. 24, 1974 b. 14, 1978 ug. 8, 1978 b. 20, 1979 n. 25, 1983 eb. 1, 1983 ug. 2, 1983 eb. 4, 1986 ay 27, 1986	Name Bergersen Kesling Kesling Bergersen Blomstedt Bergersen Huge Hilleman Dellinger Ahlin Andrews	Septem	ber 18, 2003	3731 Filing	Date
ent ser 215 Jan 215 April	Date In. 14, 1992 pr. 3, 1973 pt. 24, 1974 b. 14, 1978 ug. 8, 1978 b. 20, 1979 n. 25, 1983 eb. 1, 1983 ug. 2, 1983 eb. 4, 1986 ay 27, 1986	Name Bergersen Kesling Kesling Bergersen Blomstedt Bergersen Huge Hilleman Dellinger Ahlin Andrews	Class	Subclass		
215 Jan 275 Ap 281 Sep 281 Feb 282 Ap 280 Feb 280 Feb 281 Ma	n. 14, 1992 pr. 3, 1973 pt. 24, 1974 b. 14, 1978 ug. 8, 1978 b. 20, 1979 n. 25, 1983 eb. 1, 1983 ug. 2, 1983 eb. 4, 1986 ay 27, 1986	Bergersen Kesling Kesling Bergersen Blomstedt Bergersen Huge Hilleman Dellinger Ahlin Andrews	Class	Subclass		
075 Ap 081 Sep 061 Feb 032 Au 044 Fe 032 Jac 0336 Fe 0373 Au 080 Fe 0341 Ma	pr. 3, 1973 pt. 24, 1974 b. 14, 1978 ug. 8, 1978 b. 20, 1979 n. 25, 1983 eb. 1, 1983 ug. 2, 1983 eb. 4, 1986 ay 27, 1986	Kesling Kesling Bergersen Blomstedt Bergersen Huge Hilleman Dellinger Ahlin Andrews				
081 Sep 061 Feb 032 Au 044 Feb 032 Jac 036 Feb 0373 Au 080 Feb 0341 Ma	pt. 24, 1974 b. 14, 1978 ug. 8, 1978 b. 20, 1979 n. 25, 1983 eb. 1, 1983 ug. 2, 1983 eb. 4, 1986 ay 27, 1986	Kesling Bergersen Blomstedt Bergersen Huge Hilleman Dellinger Ahlin Andrews				
081 Sep 061 Feb 032 Au 044 Feb 032 Jac 036 Feb 0373 Au 080 Feb 0341 Ma	pt. 24, 1974 b. 14, 1978 ug. 8, 1978 b. 20, 1979 n. 25, 1983 eb. 1, 1983 ug. 2, 1983 eb. 4, 1986 ay 27, 1986	Kesling Bergersen Blomstedt Bergersen Huge Hilleman Dellinger Ahlin Andrews				
061 Fe 032 Au 044 Fe 032 Jan 036 Fe 0373 Au 0280 Fe 0341 Ma	eb. 14, 1978 ug. 8, 1978 eb. 20, 1979 n. 25, 1983 eb. 1, 1983 ug. 2, 1983 eb. 4, 1986 ay 27, 1986	Bergersen Blomstedt Bergersen Huge Hilleman Dellinger Ahlin Andrews				
32 Au 344 Fe 329 Jan 336 Fe 373 Au 280 Fe 341 Ma	ug. 8, 1978 bb. 20, 1979 n. 25, 1983 eb. 1, 1983 ug. 2, 1983 eb. 4, 1986 ay 27, 1986	Blomstedt Bergersen Huge Hilleman Dellinger Ahlin Andrews				
944 Fe 129 Jan 336 Fe 373 Au 280 Fe 341 Ma	eb. 20, 1979 eb. 25, 1983 eb. 1, 1983 eb. 4, 1986 eb. 4, 1986 ey 27, 1986	Bergersen Huge Hilleman Dellinger Ahlin Andrews				
Jan 336 Fe 373 Au 280 Fe 341 Ma	eb. 1, 1983 ug. 2, 1983 eb. 4, 1986 ay 27, 1986	Huge Hilleman Dellinger Ahlin Andrews				
336 Fe 373 Au 280 Fe 341 Ma	ug. 2, 1983 eb. 4, 1986 ay 27, 1986	Hilleman Dellinger Ahlin Andrews				
373 Au 280 Fe 341 Ma	ug. 2, 1983 eb. 4, 1986 ay 27, 1986	Ahlin Andrews				
280 Fe	eb. 4, 1986 ay 27, 1986	Ahlin Andrews				
805 No	ov. 15, 1988	Paraerson			<u> </u>	
		Bergersen				
384 Ja	n. 24, 1989	Bergersen				
512 Ma	ay 16, 1989	Bergersen				
535 Fe	eb. 6, 1990	Bergersen				
612 Ap	or. 24, 1990	Bergersen				
334 Ja	an. 8, 1991	Adell				
231 Ju	ul. 2, 1991	Hall				
294 Au	ug. 6, 1991	Bergersen				
FO	REIGN PAT	ENT DOCUMENTS				
					Transi	ation
Number	Date	Country	Class	Subclass	Yes	No
/29665 Sep	. 19, 2003	International Application (PCT)				
ER ART (Inc	luding Autho	r, Title, Date, Pertine	nt Pages, E	tc.)		
ort for PCT/	/US03/2966	mailed May 27, 20	004			
	te Considere	e d				
	Number /29665 Sep ER ART (Inc. port for PCT) Da	Number Date /29665 Sep. 19, 2003 ER ART (Including Authority for PCT/US03/29665 Date Considered)	/29665 Sep. 19, 2003 International Application (PCT) ER ART (Including Author, Title, Date, Pertine Port for PCT/US03/29665 mailed May 27, 20 Date Considered	Number Date Country Class /29665 Sep. 19, 2003 International Application (PCT) ER ART (Including Author, Title, Date, Pertinent Pages, Export for PCT/US03/29665 mailed May 27, 2004 Date Considered	Number Date Country Class Subclass /29665 Sep. 19, 2003 International Application (PCT) ER ART (Including Author, Title, Date, Pertinent Pages, Etc.) oort for PCT/US03/29665 mailed May 27, 2004 Date Considered	Number Date Country Class Subclass Yes /29665 Sep. 19, 2003 International Application (PCT) ER ART (Including Author, Title, Date, Pertinent Pages, Etc.) oort for PCT/US03/29665 mailed May 27, 2004 Date Considered

Form PTO 1	Form PTO 1449 U.S. Department of Commerce Patent and Trademark Office						Serial No 10/665,4		
SUP	PLEME	NTAL LIST OF AR (Use several sheets		PPLICANT	Applica Bergers				
					Filing D Septemb	oate per 18, 2003	Group At 3731	t Unit	
	U.S. PATENT DOCUMENTS								
Examiner's							Filing		
Initials		Document Number	Date	Name	Class	Subclass	If appro	priate	
GD		5,037,295	Aug. 6, 1991	Bergersen					
		5,042,506	Aug. 27, 1991	Liberati					
		5,328,362	Jul. 12, 1994	Watson et al.					
		5,334,218	Aug. 2, 1994	Johnson					
		5,338,190	Aug. 16, 1994	Tregillis	<u> </u>				
		5,645,420	Jul. 8, 1997	Bergersen	ļ				
		5,683,244	Nov. 4, 1997	Truax					
		5,779,470	Jul. 14, 1998	Kussick				· <u>·</u>	
		5,814,074	Sep. 29, 1998	Branam					
		5,816,799	Oct. 6, 1998	Parker					
		5,876,199	Mar. 2, 1999	Bergersen					
		5,882,192	Mar. 16, 1999	Bergersen			<u> </u>		
		5,911,576	Jun. 15, 1999	Ulrich et al.					
		5,975,893	Nov. 2, 1999	Chishti et al.					
		6,129,084	Oct. 10, 2000	Bergersen					
		6,299,440	Oct. 9, 2001	Phan et al.					
W		6,454,565	Sep. 24, 2002	Phan et al.					
GD		6,505,625	Jan. 14, 2003	Uenishi					
			FOREIGN PATE	ENT DOCUMENTS	···				
,		Document Number	Date	Country	Class	Subclass	Transl	ation	
				·			Yes	No	
		OTHE	R ART (Includi	ng Author, Title, D	ate, Pert	inent Pages,	Etc.)		
			•						
Examiner	/Glenn	Dawson/ (09/13/200	Date Considere	d					
Draw line tl	Examiner /Glenn Dawson/ (09/13/20 Date Considered *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant								

FEE (9 2005 E)

Sheet

Signature

PTO:SB/03A (08-03)

Approved for use through 07/31/2006, OMB 0851-0031

U.S. Petent and Trademark Office; U.S. DEPARTMENT OF COMMERCE ander the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known						
Application Number	10/665,458					
Filing Date	September 18, 2003					
First Named Inventor	Bergersen					
Art Unit	3731					
Examiner Name	To be assigned					
Attorney Docket Number	BER-F-03-050					

Considered

U. S. PATENT DOCUMENTS Cite **Document Number** Pages, Columns, Lines, Where Examiner Name of Patentee or **Publication Date** No.1 Initials* MM-DD-YYYY Applicant of Cited Document Rejevant Passages or Relevant Number-Kind Code² (1 kmar) Figures Appear US-US-US-US-US-US-US-US-US-US-US-US-US-US-US-US-US-US-US-

	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ "Number ⁴ "Kind Code (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T
						منقرا
						L
						L

"EXAMINER: Initial if eference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not it conformance and not considered, include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file land by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Petent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND 10: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/06B (03-03)

Approved for use through 07/31/2003. OMB 0851-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substit	ute for form 1449.PTO			Complete if Known				
				Application Number	10/665,458			
INF	ORMATION	DIS	CLOSURE	Filing Date	September 18, 2003			
STA	ATEMENT E	BY A	PPLICANT	First Named Inventor	Bergersen			
	(Use as many she	anto an m	occosson.	Art Unit	3731			
	(USE as many sin	eus as n	ecessary)	Examiner Name	To be assigned			
Sheet	2	of	2	Attorney Docket Number	BER-F-03-050			

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
GD		International Preliminary Examination Report for International Application No.: PCT/US03/29665 mailed on January 7, 2005.	
	·	•	
-			
	-		
·			

Examiner Signature	/Glenn Dawson/ (09/13/2006)	Date Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of Information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

					<u>T </u>		Serial No.		
Form PTO 14		U.S. Department of Commerce Patent and Trademark Office				Docket No. BER-P-03-050		8	
DEE 5 8	_	LIST OF ART CITED (Use several sheet			Applicar Bergerse				
PARTE	Filing Date Sept. 18, 2003							Unit	
OTRAN	عادي		U.S. PATENT D	OCUMENTS			<u> </u>		
Examiner's Initials		Document Number	Subclass	Filing If appro					
GD		4,986,751	January 22, 1991	Bergersen	433	6			
					1			·	
				 					
, , , , , , , , , , , , , , , , , , ,					1				
				1					
			<u> </u>						
					_				
									
	-								
				 					
			<u>. </u>	 	 				
					1				
		<u> </u>	EODEICN DATEN	T DOCUMENTS	1	<u>. </u>	<u>. </u>		
····.	Ϊ	 	FOREIGN PATEN	·			Transl	otion .	
		Document Number	Date	Country	Class	Subclass	Yes	No	
		}					103	140	
	ļ <u>.</u>	 	 	 	+				
			 	†	+				
			 	<u> </u>					
	<u> </u>	OTUED ADT	(Including Author, 1	Litle Date Postine	nt Pages	Etc.)	J	l	
		UIREKAKI	(including Author,	inie, Date, Fertint	nt rages,	etc.)		·	
Examiner	/Glenn	Dawson/ (09/13/200	Pate Considered						
*EXAMINE	R: Initia	al if reference conside t in conformance and	ered, whether or not						